

SOUTH JORDAN CITY CAPITAL IMPROVEMENT PROJECT DESCRIPTION

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Culinary Water	Engineering	Redwood Rd Betterment (16" Waterline)	FY08-09

SOURCES OF FUNDING

Water Impact Fee	\$ -
General CIP	\$ 470,000.00
Other	\$ -
Total Cost	\$ 470,000.00

PROJECT DESCRIPTION

This project is currently under construction and is under funded. Install 16" Waterline along Redwood Road between 10600 south and 11800 south. This project does not qualify for impact fee funding.

PROJECT JUSTIFICATION

Culinary Water Master plan and Capital Facility Plan.

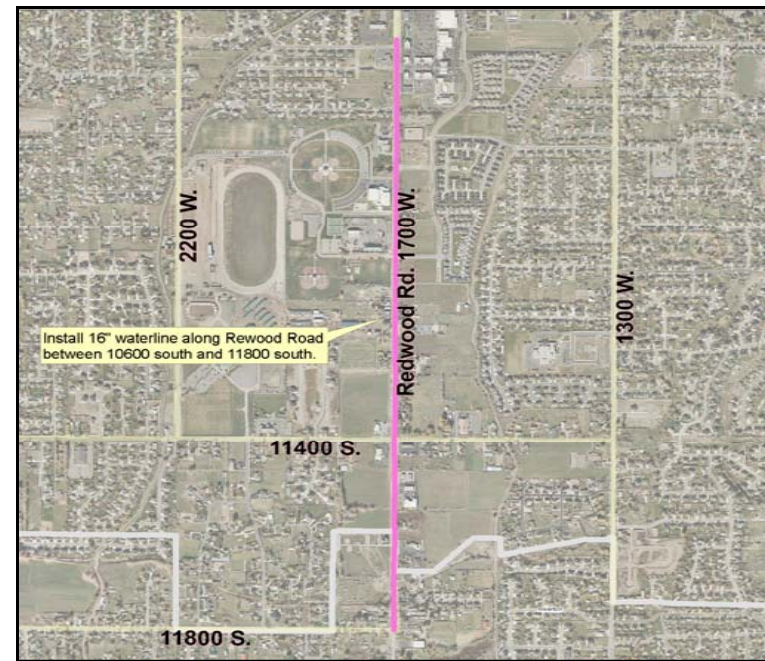
PROJECT SCHEDULE

Design Start:
ROW Acquired:
Out to Bid:
Construction End:

Projected Dates

Actual Dates

LOCATION AND RELEVANT GRAPHIC DETAILS



SOUTH JORDAN CITY CAPITAL IMPROVEMENT PROJECT DESCRIPTION

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Culinary Water	Engineering	104th S. Waterline - UDOT 1	FY08-09

SOURCES OF FUNDING

Water Impact Fee	\$ 582,676.00
General CIP	\$ 1,296,924.00
Other	\$ -
Total Cost	\$ 1,879,600.00

PROJECT DESCRIPTION

Install 9,200 feet of 30-inch diameter pipe from the proposed Tank 2 along 10400 south between 4000 west to 2700 west for pressure zone 2. This project is driven by UDOT and is 31% qualified for impact fee funding.

PROJECT JUSTIFICATION

Culinary Water Master plan and Capital Facility Plan.

PROJECT SCHEDULE

Design Start:

ROW Acquired:

Out to Bid:

Construction End:

Projected Dates

Actual Dates

LOCATION AND RELEVANT GRAPHIC DETAILS



SOUTH JORDAN CITY CAPITAL IMPROVEMENT PROJECT DESCRIPTION

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Culinary Water	Engineering	104th S. Waterline - UDOT 2	FY08-09

SOURCES OF FUNDING

Water Impact Fee	\$ 250,418.00
General CIP	\$ 557,382.00
Other	\$ -
Total Cost	\$ 807,800.00

PROJECT DESCRIPTION

Install 3,700 feet of 20-inch diameter pipe from 2700 west to approximately 2000 west with connection to system at all possible locations in Pressure Zone 2. This project is driven by UDOT and is 31% qualified for impact fee funding.

PROJECT JUSTIFICATION

Culinary Water Master plan and Capital Facility Plan.

PROJECT SCHEDULE

Design Start:

ROW Acquired:

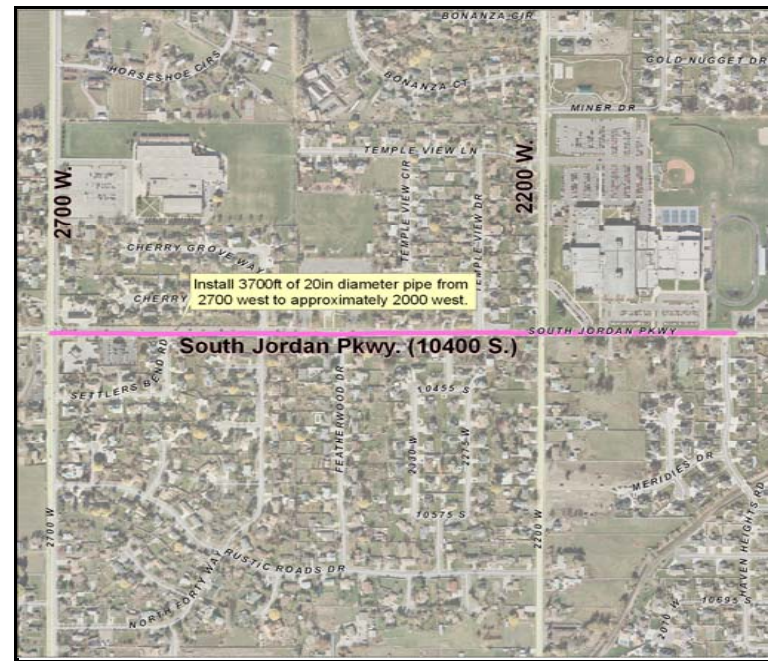
Out to Bid:

Construction End:

Projected Dates

Actual Dates

LOCATION AND RELEVANT GRAPHIC DETAILS



SOUTH JORDAN CITY CAPITAL IMPROVEMENT PROJECT DESCRIPTION

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Culinary Water	Engineering	104th S. Waterline - UDOT 3	FY08-09

SOURCES OF FUNDING

Water Impact Fee	\$ 90,272.00
General CIP	\$ 200,928.00
Other	\$ -
Total Cost	\$ 291,200.00

PROJECT DESCRIPTION

Install 1,600 feet of 16-inch diameter pipe from approximately 2000 west to 1700 west with connections to system data ll possible locations in Pressure Zone 2.
This project is driven by UDOT and is 31% qualified for impact fee funding.

PROJECT JUSTIFICATION

Culinary Water Master plan and Capital Facility Plan.

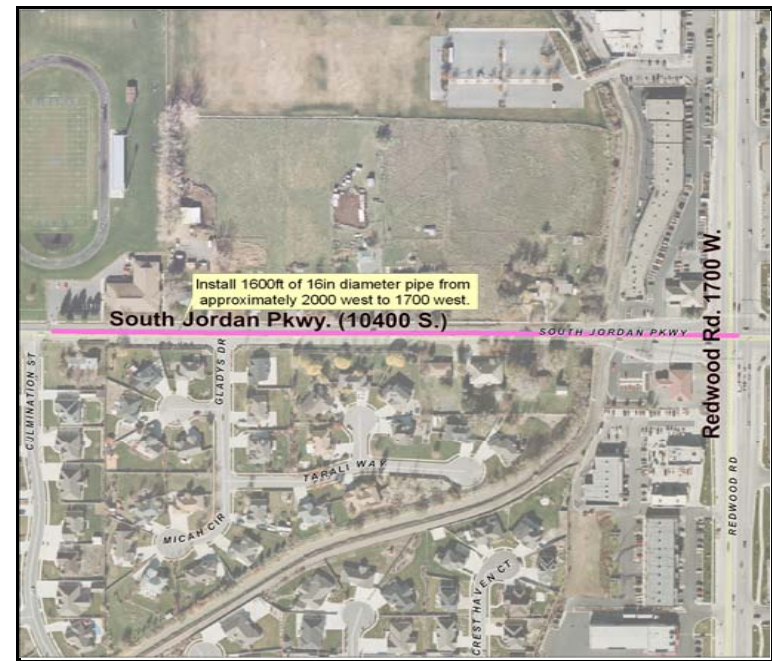
PROJECT SCHEDULE

Design Start:
ROW Acquired:
Out to Bid:
Construction End:

Projected Dates

Actual Dates

LOCATION AND RELEVANT GRAPHIC DETAILS



SOUTH JORDAN CITY CAPITAL IMPROVEMENT PROJECT DESCRIPTION

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Culinary Water	Engineering	104th S. Waterline - UDOT 5	FY08-09

SOURCES OF FUNDING

Water Impact Fee	\$ 1,813,380.00
General CIP	\$ 4,231,220.00
Other	\$ -
Total Cost	\$ 6,044,600.00

PROJECT DESCRIPTION

Construct 7.5 MG of storage at 4200 W and 10400 S for Pressure Zone 2. This project is driven by UDOT and is 30% qualified for impact fee funding.

PROJECT JUSTIFICATION

Culinary Water Master plan and Capital Facility Plan.

PROJECT SCHEDULE

	<u>Projected Dates</u>	<u>Actual Dates</u>
Design Start:		
ROW Acquired:		
Out to Bid:		
Construction End:		

LOCATION AND RELEVANT GRAPHIC DETAILS



**CULINARY WATER
FY2009-2013**

Fiscal Year	Priority (within FY)	Project (I.D. per Nov. 2006 Capital Improvement Plan)	Description	Location	Estimated Cost	Impact Fee Eligible (%)
08-09	1		Redwood Road Betterment (16" Waterline), currently under construction. Project originally underfunded, need additional funding to complete project.	10600S to 11800 South	\$ 470,000.00	-
08-09	w/ UDOT 10400 S	1	Install 9,200 feet of 30-inch diameter pipe from the proposed Tank 2 south on 4000 W down to 10400 S, along 10400 S from 4000 W to 2700 W for Pressure Zone 2	See Description	\$ 1,879,600.00	31%
08-09	w/ UDOT 10400 S	2	Install 3,700 feet of 20-inch diameter pipe from 2700 W to approximately 2000 W with connection to system at all possible locations in Pressure Zone 2	See Description	\$ 807,800.00	31%
08-09	w/ UDOT 10400 S	3	Install 1,600 feet of 16-inch diameter pipe from approximately 2000 W to 1700 W with connections to system at all possible locations in Pressure Zone 2	See Description	\$ 291,200.00	31%
08-09	w/ UDOT 10400 S	5	Construct 7.5 MG of storage at 4200 W and 10400 S for Pressure Zone 2	See Description	\$ 6,044,600.00	30%
09-10	1	4	Install approximately 7,500 feet of 12-inch diameter pipe from the existing JVWCD connection 3600 W 8-inch to approximately 9600 S and 3200 W where it will connect into the existing 8-inch diameter pipe. Revision to plan shows relocation on #32 for JVWCD connection to feed 9400 S. 2700 W. area. Need engineers estimate only for portion of #4 waterline. Reduction in cost has been reflected as an estimate.	See Description	\$ 122,200.00	-
09-10	2	6	Install approximately 2,130 feet of 14-inch diameter pipe along 10400 S from 2700 W to 3200 W and a PRV (for emergency only) at the end of the 14-inch diameter pipe	See Description	\$ 411,600.00	-
09-10	3	7	Install approximately 970 feet of 8-inch diameter pipe along 10000 S from the 12-inch diameter pipe at approximately 500 W to 300 W and 1,450 feet of 10-inch diameter pipe along 300 W from 10000 S to 12000 S where it should connect to the existing 10-inch diameter pipe	See Description	\$ 277,200.00	100%
09-10	4	20	Install approximately 6,500 feet of 16-inch diameter pipe in 4000 W from 11800 S to approximately 11200 S for the Kunkler Property Development and then east under Bangerter Hwy to and connect into the 10-inch diameter pipe in the District	See Description	\$ 1,302,000.00	75%
09-10	5	22	Replace 12-inch diameter pipe along 4800 W with approximately 2,160 feet of 16-inch diameter pipe from the 24-inch diameter pipe at 10200 S to approximately 9850 S where it should connect to the existing 12-inch diameter pipe	See Description	\$ 432,600.00	-
09-10	6	D	Install SCADA for 8 JVWCD delivery points	See Description	\$ 192,000.00	52%
09-10	7	28	Replace 1,400 feet of 6-inch diameter pipe with 8-inch diameter pipe in 2950 W from the 14-inch diameter pipe at 10200 S to approximately 10400 S	See Description	\$ 151,200.00	-
10-11	1	12	New JVWCD connection Tank 5B including PRV and FCV combination	See Description	\$ 91,900.00	60%

**CULINARY WATER
FY2009-2013**

Fiscal Year	Priority (within FY)	Project (I.D. per Nov. 2006 Capital Improvement Plan)	Description	Location	Estimated Cost	Impact Fee Eligible (%)
10-11	2	13	Install approximately 200 feet of 20-inch diameter pipe from the proposed JVVCD connection Tank 5B to Tank 5B	See Description	N/A	-
10-11	3	24	Replace approximately 2,300 feet of 6-inch diameter pipe with 12-inch diameter pipe along 1000 W from the recently installed 16-inch diameter pipe at approximately 10100 S and connect into the existing 12-inch diameter pipe in South Jordan Parkway. The 12-inch diameter pipe should be connected to the dead end 6-inch diameter pipe that runs directly south in 1040 W at approximately 10400 S and 1040 W	See Description	\$ 296,800.00	55%
10-11	4	B	Install approximately 6,400 feet of 24-inch diameter pipe along 11800 S from approximately 5600 W to Tank 5B as a dedicated inflow line to Tank 5B	See Description	\$ 1,092,600.00	60%
10-11	5	42	Replace approximately 4,100 feet of 12-inch diameter pipe with 20-inch diameter pipe along 4000 W from the 12-inch diameter pipe at 10200 S to approximately 10800 S and install approximately 2,500 feet of 20-inch diameter pipe along 4000 W	See Description	\$ 1,466,000.00	60%
11-12	1	D	Install SCADA for 7 City PRVs	See Description	\$ 168,000.00	52%
11-12	2	D	Install SCADA for Tank 1B	See Description	\$ 24,000.00	52%
11-12	3	D	Install SCADA for Tank 2	See Description	\$ 24,000.00	52%
11-12	4	32	Retrofit PRVs at JVVCD connections in Pressure Zones 1, 2, and 3 with combination PRV and FCV	See Description	\$ 168,000.00	46%
11-12	5	33	Install approximately 4,100 feet of 14-inch diameter pipe along 10200 S from the JVVCD Tank 2 at 3600 W to Tank 1B at 2900 W for supply to Tank 1B	See Description	\$ 880,800.00	58%
11-12	6	34	Construct 4.0 MG Tank 1B at 2900 W and 10200 S for Pressure Zone 1	See Description	\$ 3,564,000.00	61%
11-12	7	36	Install approximately 10,700 feet of 30-inch diameter pipe from proposed Tank 1B directly south to 10400 S and then along 10400 S where it connects to the existing 12-inch diameter pipe at 1300 W	See Description	\$ 3,116,400.00	58%
12-13	1	40	Replace approximately 800 feet of 6-inch diameter pipe with 12-inch diameter pipe along 3200 W from the 12-inch diameter pipe at 10200 S to approximately 10550 S where it should connect to the 12-inch diameter pipe	See Description	\$ 103,600.00	43%
12-13	2	A	Construct 4.0 MG of storage for Pressure Zone 6 at approximately 5790 West 11800 South	See Description	\$ 336,000.00	28%

SOUTH JORDAN

CULINARY WATER CIP

